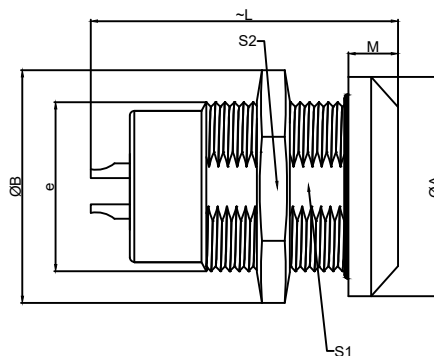


## 1.View and size(视图及尺寸)

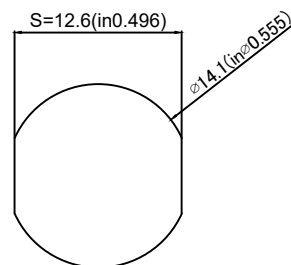
| Main technical indicators(主要技术指标) |                                                                                                                                            |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1.Mating (插拔次数)                   | >3000                                                                                                                                      |
| 2.Working Temperature (温度)        | -55~+150 ℃                                                                                                                                 |
| 3.IP Rating (防护级别)                | IP66/IP68                                                                                                                                  |
| 4. 振动                             | 10z 2000z,<br>acceleration 147m<br>/ S2, instantaneous<br>break ≤<br>1US/10z2000z加速度<br>147m/S2, 瞬断≤1Us                                    |
| 5.盐雾                              | 5% NaCl for 48<br>hours/5%NaCl雾气中<br>48小时                                                                                                  |
| 6. 冲击                             | 980m / S2,<br>instantaneous ≤ 1<br>US, insulation<br>resistance: > 3000 Ω<br>(normal<br>state)/980m/S2,,瞬间<br>≤1 Us 绝缘电阻: ><br>3000 Ω (常态) |
| 7.Diameter of socket end(插合端直径)   | ∅0.5                                                                                                                                       |
| 8.Testing Voltage (测试电压)          | 800V                                                                                                                                       |
| 9.Working Voltage (工作电压)          | 700V                                                                                                                                       |
| 10.Rated Current (额定电流)           | 2.5A                                                                                                                                       |
| 11.Shell material(壳体材质)           | Brass (chromium<br>plating) shell and<br>chuck nut/( nickel<br>plating) pin sleeve and<br>middleware/黄铜 (镀<br>铬) 外壳和夹头螺母/<br>(镀镍)插销套和中间件   |
| 12.Pin Material(插针材料)             | Copper alloy gold<br>plating(铜合金镀金)                                                                                                        |
| 13.Insulator material(绝缘体材质)      | PPS                                                                                                                                        |

| Sum up(总结)                  |                                               |
|-----------------------------|-----------------------------------------------|
| Series(系列)                  | K                                             |
| Shell style/model (外壳样式/型号) | LGG: :Fixed receptacle, nut fixing/固定插座, 螺母固定 |
| Button (按键)                 | A button(一个按键)                                |
| Termination type (终止类型)     | Mother solder tin(母焊锡)                        |
| Line diameter awg(线材直径)     | 34-28AWG                                      |
| Cable diameter∅ (电缆直径)      | 0-0                                           |
| Matching parts(配件)          | TGG.0K.P07.CLAC45H                            |

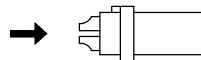
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20% | ±0.25% |         |       |



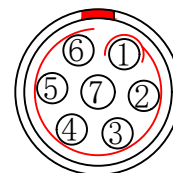
|    | A    | B    | L    | M    | E     | S1   | S2   |
|----|------|------|------|------|-------|------|------|
| MM | 18   | 19.5 | 23.0 | 4.0  | M14*1 | 12.5 | 17   |
| in | 0.71 | 0.77 | 0.91 | 0.16 |       | 0.49 | 0.67 |



Pane hole size  
(面板开孔尺寸)



(Welded mother  
adhesive core)  
焊接型母胶芯



Welded surface  
(焊接面)

LG G.0K.P07.C L L

Model(型号)

Positioning pin(定位销)

Series(系列)

Needle core configuration(针芯配置)

Outer casing(外壳)

Insulator(绝缘体)

Needle core(针芯)

|                                  |  |                                      |  |               |          |                          |
|----------------------------------|--|--------------------------------------|--|---------------|----------|--------------------------|
| DESIGNED (设计)                    |  | DATE(日期)                             |  | SCALE(比例)     | N/A(不适用) | MODEL TYPE               |
| CHECKED (校对)                     |  | DATE(日期)                             |  | VIEW(视图)      |          | 型号类型: LGG.0K.P07.CLL     |
| APPROVED (审核)                    |  | DATE(日期)                             |  | UNIT(单位)      | MM       | PART NO. 0K7-core socket |
| REVISIONS                        |  |                                      |  | MATERIAL (材料) |          | 名称: 0K7芯插座               |
| www.helloxkb.com www.helloxkb.cn |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |  |               |          | DWG NO.:                 |
|                                  |  |                                      |  |               |          | WEIGHT(重量)               |
|                                  |  |                                      |  |               |          | SHEET(表)                 |
|                                  |  |                                      |  |               |          | REVISION(修订)             |
|                                  |  |                                      |  |               |          | 1/1                      |
|                                  |  |                                      |  |               |          | A0                       |